Cam. e. 675. 2

10

SWAN

A NEW ALMANACK

For the year of our LORD GOD 1675.

Being the third after Bissextile or Leap-year, and from the Creation of the World (at the Spring) 5678 years compleat.

Wherein is shewed the principal Aspects of the Planets, with other Celestial observations, the beginning & ending of *Cambridge* Terms, with other things of note in the University.

Calculated properly for the Famous University and Town of *Cambridge*, where the Pole is elevated 52 degr. and 17 min. above the Horizon.

Dixit autem Deus, fiant Luminaria in Firmamento Cœli, & dividant Diem ac Noctem: & sint in Signa, & tempora, & Dies, & Annos, Gen. 1. 14.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University. 1675.

A Regal Table from Egbert (of whom it is thought *England* took its name) to our Sovereign Lord King *Charles* the second.

Kings names	Reig. bega. A. C.	Reign. years.	Kings names.		Reig. bega A. C	Reign. years
Egbert	818	18	Henry	2	1154	35
Ethelwolf	836	21	Richard	1	1189	10
Ethelbald	857	1	John		1199	17
Ethelbert	858	5	Henry	3	1216	56
Ethelred	863	10	Edward	1	1272	35
Alfred	873	27	Edward	2	1307	19
Edward 1 sax.	900	24	Edward	3	1326	51
Ethelstan	924	16	Richard	2	1377	22
Edmond 1.	940	6	*Line of Lanc.*			
Edred	946	9	Henry	4	1399	13
Edwyn	955	4	Henry	5	1413	9
Edgar	959	20	Henry	6	1422	38
Edward 2 sax.	979	37	*Line of York.*			
Ethelred	982	34	Edward	4	1460	23
Edmond 2	1016	1	Edward	5	1483	0
Danish Line			Richard	3	1483	2
Canutus	1017	20	*Families united*			
Harold 1.	1037	3	Henry	7	1485	24
Hardicanutus	1040	2	Henry	8	1508	40
Edward conf.	1042	23	Edward	6	1547	6
Harold 2	1065	2	Q. Mary		1553	5
Norman Line			Q Elizabeth		1558	44
Wil Conquer.	1066	20	King James		1602	22
Wil. Rufus.	1087	13	Charls	1	1625	24
Henry 1	1100	35	Charls	2	1648	26
Stephen	1135	19	whom God			
Saxon Line restored			preserve.			

This Table needs no explanation, for find but the Kings name in the 1, or 4 Column, and in the 2 or 5 you have the year of Christ in which he began his Reign, and in the 3 or 6 Column the years he Reigned.

43 - 30

A Table of the Terms with their Returns.

Hilary Term begins January 23, ends February 12.

Return days, or days of eſſoin.	Days of Exception	Returna Brevium.	Days of Appeara.
Octa. Hilar. Jan. 20	Jan. 21	Jan. 22	Jan. 23
Quind. Hilar. Jan. 27	Jan. 28	Jan. 29	Jan. 29
Craſt. Purif. Feb. 3	Feb. 4	Feb. 5	Feb. 6
Octab. Purif Feb. 9	Feb. 10	Feb 11	Feb. 12

Eaſter Term begins April 21, ends May 17.

Quind. Paſch. Apr. 19	Apr. 20	Apr. 21	Apr. 21
Tres Paſch. Apr. 26	Apr. 27	Apr. 28	Apr. 29
Menſ. Paſch. May 3	May 4	May 5	May 6
Quind. Paſch. May 10	May 11	May 12	May 12
Craſt. Aſcen. May 14	May 15	May 16	May 17

Trinity Term begins June 4, ends June 23.

Craſt. Trin. May 31	June 1	June 2	June 4
Octab. Trin. June 7	June 8	June 9	June 10
Quind. Trin. June 14	June 15	June 16	June 17
Tres Trin. June 21	June 22	June 22	June 23

Michaelm. Term begins Octob. 23, ends Novem. 29.

Tres Mich. Octob. 20	Octob. 21	Octob. 22	Octob. 23
Menſ. Mich. Octob. 27	Octob. 29	Octob. 29	Octob. 30
Craſt. anim. Novem. 3	Novem. 4	Novemb. 6	Novemb. 6
Craſt. Mart. Nov. 12	Nov. 13	Novemb. 15	Novem. 16
Octab. Mart. Nov. 18	Nov. 19	Novemb. 20	Novem. 22
Quind. Mart. Nov. 25	Nov. 26	Novemb. 27	Novem 29

The Table of the Terms explained.

First you are to observe that every Return hath a Basis or known day, from whence it takes its denomination.

Crastino is the morrow after the Basis, or day nominated, as Crastino Trinitatis is the morrow after Trinity Sunday, which is the Basis and day that gives the denomination. Octabis is 8 days after Inclusively. Quind. is 15 days after. Tres that day 3 weeks. Mense that day moneth, and Quinq. that day 5 weeks.

Now every one of these Returns hath 4 several days whereupon they consist, the first whereof hath a double signification; the one is the day of Return, and the other the day of Essoyn for the Defendant in a personal Action, or the Tenant in a reall Action, to be Essoyn'd, the second is the day of exceptions, for the Plaintiff or Defendant to lay an exception, if no Essoyn be cast, that the Defendant shall not be Essoyn'd or Amerced. The third is Returna Brevium, that is, the day whereon the Sheriff must return the Writ. And the fourth is the day of Appearance for Parties and Jurors in the Court of Common Pleas.

But when any of these days fall upon Ascension day, Midsummer day, All Saints day, or the Feast of the Purification, or any other Saints day, or upon any Sunday, the next day serves for both, as if the Essoyn day fall upon a Sunday, then Munday must serve for that, and for the day of Exception both, as you may find by the foregoing Table.

For the better finding of the fixed Feasts in the following Table, I shall here set down the names, and Characters of the Planets, as they represent the days of the week ☉ Sol Sunday, ☽ Luna Munday, ♂ Mars Tuesday, ☿ Mercury Wednesday, ♃ Jupiter Thursday, ♀ Venus Friday, ♄ Saturn Saturday.

A Table shewing upon what day of the week any of the fixed Feasts will fall for 28 years; and from thence the same for any year past, or to come.

Years of our Lord	New year day	Twelfth day	Candlems	Mark Evang.	Phil. & Jac.	S. Barnabas.	S. Peter.	S. James	S. Bart. Math.	Michael arc.	S. Lu. All Sai.	Sim. & Jude	S. And. & Tho.	Christ Nat.
1674	☽	☉	♄	♂	☿	♃	♀	☽	☉	♄	♂	☿	♃	♀
1675	♄	☽	☉	♄	♂	☿	♃	♀	☽	☉	♄	♂	☿	♃
1676	♂	♄	☽	☉	♄	♂	☿	♃	♀	☽	☉	♄	♂	☿
1677	☿	♂	♄	☽	☉	♄	♂	☿	♃	♀	☽	☉	♄	♂
1678	♃	☿	♂	♄	☽	☉	♄	♂	☿	♃	♀	☽	☉	♄
1679	♀	♃	☿	♂	♄	☽	☉	♄	♂	☿	♃	♀	☽	☉
1680	☽	♀	♃	☿	♂	♄	☽	☉	♄	♂	☿	♃	♀	☽
1681	☉	☽	♀	♃	☿	♂	♄	☽	☉	♄	♂	☿	♃	♀
1682	♄	☉	☽	♀	♃	☿	♂	♄	☽	☉	♄	♂	☿	♃
1683	♂	♄	☉	☽	♀	♃	☿	♂	♄	☽	☉	♄	♂	☿
1684	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☽	☉	♄	♂
1685	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☽	☉	♄
1686	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☽	☉
1687	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☽
1688	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄
1689	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂
1690	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿
1691	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃
1692	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀
1693	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽
1694	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉
1695	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄
1696	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂
1697	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿
1698	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃
1699	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽	♀
1700	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉	☽
1701	☽	♀	♃	☿	♂	♄	☉	☽	♀	♃	☿	♂	♄	☉

The foregoing Table explained.

WHen you would know upon what day of the week any of the Saints days will fall, find the year of our Lord in the first Column, and the Saints day at the head, and in the Common Angle, you have the Character of the Planet representing the day of the week, upon which the said day falleth.

Example, against the year of our Lord 1680, under S. Philip and James, I find the Character of Saturn, which sheweth that Philip and James, or May-day, falleth that year, upon a Saturday.

If you would know when any of the said days will fall in the year 1702, begin again at the top of the Table, and instead of 1674, say 1702, and so go on as before, if you would know the same for the year past, begin at the bottom of the Table and instead of 1701, say 1673 and so count backward, to this Table may be reduced any other Saints day not there set down, the usefulness of the Table, I have no room to shew at this time, but proceed to the Moveable Feasts.

The vulgar Notes and Moveable Feasts in both Accounts, viz.

Julian or English		Gregorian, or Forreig.
4	Golden Number	4
4	Cycle of the Sun.	4
	Dominical Letter.	
14	Epact.	4
February 14	Septuagesima day	24 February
April 4	Ashes day	14 April
May 9	Quadragesima Sunday	19 May
May 13	Ascension day	23 May
May 23	Whitsunday	2 June
May 30	Trinity Sunday	9 June
Nov. 28	Advent Sunday	1 Decemb.

The Scarlet days in the Universfity of *Cambridge*, are as followeth,

All Saints, Christmas, Easter, Ascension, Whitsunday,
Trinity-sunday, Commencement, and the 30 of May;
As the two Days Proclaiming in June, and
The Feast of Saint Michael, and the

To Funerals, Clerums, and Simpliciums,
All Doctors go as to Congregations;
That is in their Robes.

MArriage comes in on the 13 day of January, and at Septuagesima Sunday it is out again until Low-sunday; at which time it comes in again, & goes not out till Rogation Sunday: thence it is forbidden until Trinity-sunday: from whence it is unforbidden till Advent-sunday: but then it goes out, and comes not in again till the 13 day of January next following.

For the better finding of the Moons place (commonly called the Sign) I have here set down the Names, and Characters of the 12 Signs, with the parts of mans Body which they are said to govern.

♈ Aries head and Face	♎ Libra Reins & Loyns
♉ Taurus neck and Throat	♏ Scorpio Secret members.
♊ Gemini Arms & Shoul.	♐ Sagitarius the Thighs.
♋ Cancer Breast & Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs.
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

Full moon the 1 day, 23 min. past 7 at night.
Last quarter the 8 day, 14 min. past 6 at night.
New moon the 15 day, 37 min. past 9 at night.
First quarter the 23 day, 27 min. past midnight.
Full moon 31 day at 8 in the morning.

									Sun-rising		Sun-setting	
1	☌	Circumcision	21	32	17	♋	20	8	4	3	56
2	d	Oct. Stephen	22	33	1	♌	28	8	3	3	57
3	☍	2 sun. af. Ch.	23	34	15		50	8	2	3	58
4	♄	Oct. Innoc.	24	36	0	♍	17	8	0	4	0
5	e	Simeon	25	37	14		47	7	59	4	1
6	f	Epiphany	26	38	29		15	7	58	4	2
7	g	Julian	27	39	13	♎	35	7	57	4	3
8	a	Lucian	28	40	27		44	7	55	4	5
9	b	Marcelline	29	41	11	♏	41	7	54	4	6
10	☌	1 sun. af. Ep.	♒	43	25		28	7	52	4	8
11	d	Hygin M.	1	44	8	♐	59	7	51	4	9
12	e	Bened. Ab.	2	45	22		21	7	50	4	10
13	f	Hillary Bish.	3	46	5	♑	29	7	48	4	12
14	g	Felix	4	47	18		27	7	47	4	13
15	a	Maurittius	5	48	1	♒	10	7	46	4	14
16	b	Marcell. M.	6	49	13		44	7	45	4	15
17	☍	2 aft. Epiph.	7	50	26		1	7	44	4	16
18	d	Prisca	8	51	8	♓	11	7	42	4	18
19	c	Wolstan	9	52	20		11	7	40	4	20
20	f	Octab. Hil.	10	53	2	♈	9	7	38	4	22
21	g	Agnes Vir.	11	54	14		0	7	36	4	24
22	a	Vincent M.	12	55	25		53	7	34	4	26
23	b	Term begins	13	56	7	♉	50	7	32	4	28
24	☌	3 sun. af. Ep.	14	57	19		56	7	30	4	30
25	d	Con. S. Paul.	15	58	2	♊	16	7	28	4	32
26	e	Polycarp.	16	59	14		55	7	26	4	34
27	f	Quind. Hilar.	17	59	27		57	7	24	4	36
28	g	Agnes Upp.	19	0	11	♋	26	7	22	4	38
29	a	Gildas Ab.	20	1	25		22	7	20	4	40
30	b	K. Char. Mar.	21	2	9	♌	42	7	18	4	42
31	☍	Septuagesima	22	2	24		24	7	16	4	44

Black Luna ushers in the year,
Close vailed with the earth's shady mask,
And ere her full, fair, face appear
She must perform three hours task,
Yet will not I say danger's near,
If any shall that question ask.

January 1675.

1	11	Cold and	
2	12	□ ♄ ☉ 42.	
3	13	Cloudy, if	
4	14	not snow	
5	15	the former	The year is ushered in with a total and almost Central Eclipse of the Moon, which will be visible to us from the beginning to the end (if clouds hinder not) the first day in the Evening.
6	16	part of this	
7	17	moneth.	
8	18	☿ Retrograde.	
9	19		
10	20	More pleasant	
11	21	now inclining	
12	22	to frost.	
13	23		Cambridge Term begins the 13 day.
14	24		
15	25		
16	26		If any lover of Urania long for a sight of (the seldom to be seen Mercury) they may in the beginning of this Moneth (in clear mornings) have their desire.
17	27	Cold & vari-	
18	28	□ ♂ ☿ 4 p.	
19	29	✱ ♄ ☿ 11 a.	
20	30	able with	
21	31	□ ♄ ☿ 11 p.	
22	1	✱ ☉ ♆ o.	February Roman account.
23	2	△ ♂ ☿ 11 a.	
24	3	Snow or rain.	
25	4		
26	5	Rain or snow	
27	6	☌ ☉ ☿ 6 p.	The Evening Star (Venus) is now in conjunction with the Sun, and from henceforth becomes a Morning Star.
28	7	about this	
29	8	time.	
30	9		
31	10		

February hath xxviii days.

Last quarter the 6 day, 58 min. past 9 at night.
New moon the 14 day, 5 min. past 3 afternoon.
First quarter the 22 day, 39 min. past 9 at night.

M.D.l	W.D.l	Festival days with terms.	Suns place		Moons place			Sun rise		Sun set	
1	d	Bridget fast.	23	3	9	♍	21	7	14	4	45
2	e	Purification	24	4	24		19	7	12	4	48
3	f	Crast. purifi.	25	4	9	♎	15	7	10	4	50
4	g	Veronica	26	5	23		56	7	8	4	52
5	a	Agat. V. M.	27	5	8	♏	19	7	6	4	52
6	b	Dorot. V.M.	28	6	22		20	7	4	4	56
7	C	Sexagesima	29	6	5	♐	59	7	2	4	58
8	d	Sunn. Pisces	0 ♓	7	19		20	7	0	5	0
9	e	Apolli. V. M.	1	7	2	♑	23	6	58	5	2
10	f	Sen. Oct. P.	2	8	15		11	6	56	5	4
11	g	Mother	3	8	27		47	6	54	5	6
12	a	Term ende	4	8	10	♒	11	6	52	5	8
13	b	Agabus	5	9	22		28	6	50	5	10
14	C	Shro. sun. Val.	6	9	4	♓	37	6	48	5	12
15	d	Faustine	7	9	16		41	6	46	5	14
16	e	Julian	8	9	28		40	6	44	5	16
17	f	Ash-wednes.	9	10	10	♈	34	6	42	5	18
18	g	Concordia	10	10	22		28	6	40	5	20
19	a	Sabine	11	10	4	♉	23	6	38	5	22
20	b	Wildred Vir.	12	10	16		23	6	36	5	24
21	C	Quadrages.	13	10	28		28	6	34	5	26
22	d	Cath. Peter	14	10	10	♊	45	6	32	5	28
23	e	Serenus fast	15	10	23		20	6	30	5	30
24	f	S. Mat. Em w.	16	10	6	♋	15	6	28	5	32
25	g	Constance	17	10	19		36	6	26	5	34
26		Victorin	18	10	3	♌	26	6	24	5	36
27	b	Fortunatus	19	10	17		45	6	22	5	38
28	C	2 in lent Ord.	20	9	2	♍	33	6	20	5	40

Now towards us Sol's Chariot's driving,
Whose warmer rayes cause (by reflection,)
Things which seem'd dead to be reviving,
Retrograde plants bring to direction,
Each of them in their order striving,
Who first shall gain a resurrection.

February 1675.

Saturn and Mars are evening starrs this moneth and may be seen in clear evenings in the west, Mars setting after Saturn, neir midnight. But Jupiter is a glorious morning star shining in the south-east.

1	11	☌ ☿ ☿ 0. plea-
2	12	☌ ♄ ☉ 2 p. sant
3	13	but cold, with
4	14	much snow
5	15	☌ ☿ ☽ 3 a. or
6	16	cold rain fol-
7	17	lowing.
8	18	
9	19	
10	20	
11	21	☌ ♄ ☿ ♃ p.
12	22	□ ☉ ♃ 0.
13	23	Variable wea-
14	24	ther. as storms
15	25	clouds and
16	26	high winds
17	27	for many
18	28	☐ ☌ ☿ 3 p.
19	1	days.
20	2	
21	3	Windy still
22	4	☌ ☉ ☿ 6 2.
23	5	if not snow
24	6	☐ ☽ ☿ 7 a.
25	7	pleasant but
26	8	☐ ☉ ☿ 0.
27	9	windy neer
28	10	the end.

Commencement for Batchelours in Arts the 18 day. March Roman account.

The glorious morning star Venus is now gotten from under the sun beams, but will not be seen much this moneth.

March hath xxxi days.

Full moon the 1 day 18 min past 5 afternoon.
Last quarter the 8 day, 54 min. past 8 in the morn.
New moon the 16 day, 51 min. past 1 in the morning.
First quarter the 24 day, 28 min. past 9 in the morn.
Full moon 31 day 55 min. past 1 in the morning.

1	d	David bish.	21	9	17	♍	41	6	18	5	42
2	e	Chad. bish.	22	9	2	♎	58	6	16	5	44
3	f	Eutropius	23	9	18		14	6	14	5	46
4	g	Lucius P.M.	24	8	3	♏	17	6	12	5	48
5	a	Eusebius	25	8	17		57	6	10	5	50
6	b	Frederick	26	7	2	♐	12	6	8	5	52
7	C	3 sun. in Len.	27	7	15		57	6	6	5	54
8	d	Mauritan	28	7	29		17	6	4	5	56
9	e	Prudence	29	6	12	♑	13	6	2	5	58
10	f	Sun in Aries	0 ♈	5	24		52	6	0	5	0
11	g	Cumbert	1	5	7	♒	15	5	58	6	2
12	a	Gregory P.	2	4	19		27	5	56	6	4
13	b	Ernestus	3	4	1	♓	33	5	54	5	6
14	C	Midlent-sun.	4	3	13		33	5	52	6	8
15	d	Longine	5	2	25		30	5	50	5	10
16	e	Cyriack	6	1	7	♈	27	5	48	5	12
17	f	Patrick B.C.	7	1	19		22	5	46	5	14
18	g	Edward M.	8	0	1	♉	19	5	44	5	16
19	a	Joseph Con.	8	59	13		18	5	42	6	18
20	b	Rupert	9	58	25		22	5	40	5	20
21	C	5 sun. in Lent.	10	57	7	♊	31	5	38	5	22
22	d	Sphrodisius	11	56	19		51	5	36	5	24
23	e	Egbert K.	12	55	2	♋	25	5	34	5	26
24	f	Quirin. fast	13	54	15		27	5	32	5	28
25	g	Annunciation	14	53	28		29	5	30	5	30
26	a	Castulus	15	52	12	♌	30	5	28	6	32
27	b	Archiba. Ab.	16	50	26		19	5	26	5	34
28	C	Palm-sunday	17	49	10	♍	56	5	24	5	36
29	d	Eustack	18	48	25		59	5	22	5	38
30	e	Guido	19	47	11	♎	14	5	20	6	40
31	f	Balbine	20	45	26		36	5	18	6	42

Sun-rising. Sun-setting.

The great and brighteſt Torch of Heaven,
Now with his rayes warm Flora's lap:
Makir g the Days and Nights both even,
Cheering the Plants with freſher ſap:
And th' Earth (by cold) of clothes bereaven,
Appears again with a freſh nap.

1	11	
2	12	A probability
3	13	of good wea-
4	14	ther the for-
5	15	mer part of
6	16	this moneth.
7	17	
8	18	
9	19	
10	20	Variable and
11	21	✱♃♀ 11 p. tur-
12	22	✱♂♀ o. bulent
13	23	☌♃♂ o. ſtor-
14	24	my weather if
15	25	not thunder.
16	26	
17	27	
18	28	
19	29	☿ Elong. Max.
20	30	☌♄☿ 9 p. win-
21	31	dy, cold, and
22	1	wet, it may be
23	2	ſome froſty
24	3	mornings.
25	4	✱♄♀ 8 p.
26	5	ſome moiſture
27	6	but ends plea-
28	7	ſantly.
29	8	
30	9	△♃☉ 1 a.
31	10	

March 1675.

The twentieth day of this moneth at 9 at night Saturn and Mercury are in the 29 Degree of Aries in Conjunction: if the air be clear they may be ſeen to ſet a little to the North-weſt about an hour after the Sun; it is a Conjunction ſeldom ſeen, and therefore worth the taking notice of.

The latter Act the 18 day.

April Roman account.

Cambridge Term ends the 26 day

The morning ſtar Venus may now be ſeen to riſe a little to the South-eaſt about 5 in the morning, that is above an hour and half before the Sun.

April hath xxx days.

Last quarter the 6 day, 35 min past 10 at night.
New moon the 15 day 29 min. past 1 in the morn.
First quarter the 22 day, 16 min. past 8 at night.
Full moon the 29 day, 42 min. past 11 before noon.

1	g	Theodore	21	44	11	♏	48	5	16	6		44
2	a	Good Friday	22	43	26		42	5	14	6		46
3	b	Richard fast	23	41	11	♐	7	5	12	6		48
4	c	Easter-day	24	40	25		4	5	10	6		50
5	d	Vincent	25	38	8	♑	29	5	8	6		52
6	e	Sixtus	26	37	21		29	5	6	6		54
7	f	Celestin	27	35	4	♒	16	5	4	6		56
8	g	Dionysius	28	34	16		24	5	2	6		58
9	a	Perpet. bish.	29	32	28		32	5	0	7		0
10	b	Sun in Taur.	0	30	10	♓	30	4	58	7		2
11	c	Low-sunday	1	29	22		27	4	56	7		4
12	d	Julius	2	27	4	♈	21	4	54	7		6
13	e	Tiburti. My.	3	25	16		15	4	52	7		8
14	f	Olympia	4	23	28		30	4	50	7		10
15	g	Trans. Alb.	5	21	10	♉	16	4	48	7		12
16	a	Isidore	6	20	22		22	4	46	7		14
17	b	Anicet. P. M.	7	18	4	♊	35	4	45	7		15
18	c	2 sun af. Eas.	8	16	16		55	4	43	7		17
19	d	Quind. Pasch.	9	14	29		25	4	41	7		19
20	e	Sulpitius	10	12	12	♋	26	4	39	7		21
21	f	Term begins	11	9	25		2	4	38	7		22
22	g	Soter	12	8	8	♌	14	4	36	7		24
23	a	S. George	13	6	21		47	4	34	7		26
24	b	Albertus	14	4	5	♍	45	4	33	7		27
25	c	S. Mark	15	2	20		7	4	31	7		29
26	d	Tres Pasch.	15	59	4	♎	50	4	30	7		30
27	e	Anastasius	16	57	19		15	4	28	7		32
28	f	Vitalis My.	17	55	4	♏	57	4	26	7		34
29	g	Sybilla	18	53	20		2	4	25	7		35
30	a	Erkenwald	19	52	4	♐	54	4	23	7		33

Sun-rising. Sun-setting.

Each creature now injoyes the other,
In passing happy days and hours:
And one bird sings unto another,
In the fall of Cristal showers:
The whil'st the earth our common mother,
Hath her wide bosom deck't with flowers.

April 1675.

1	11		
2	12		
3	13	✶ ♄ ♂ 3 p.	
4	14	Windy with	The 4 day Saturn enters Taurus, the 7 Venus is at his greatest distance from the sun, Saturn and Mercury are under the sun-beams; which may cause cold, windy, and moist weather.
5	15	cold cloudy	
6	16	☌ ☉ ☿ 12 p.	
7	17	☿ Elong Max.	
8	18	a ☉ and wet	
9	19	weather about	
10	20	this time.	
11	21	☌ ♄ ☉ 9 p.	
12	22		
13	23	Pleasant	
14	24	springing wea-	*Cambridge* Term beg. the 14 day.
15	25	ther with	
16	26	fresh winds a-	
17	27	bout this time	
18	28		
19	29		
20	30	✶ ☌ ☉ 7 p.	
21	1	Very warm	May Roman account.
22	2	with good	
23	3	spri-ging wea-	Jupiter and Venus are morning stars. Jupiter is retrograde all this moneth and may be seen upon the Meridian half an hour after 2 in the morning, but Venus will not be much seen.
24	4	ther for the	
25	5	most part	
26	6	to the end.	
27	7		
28	8		
29	9		
30	10		

Last quarter the 6 day 17 min. past 1 afternoon.
New moon the 14 day 28 min. past 4 afternoon.
First quarter the 22 day 22 min. past 2 in the morn.
Full moon the 28 day 19 min. past 6 afternoon.

									Sun-rising.		Sun-setting.	
1	b	Phil & Jacob.	20	48	19	♉	22	4	22	7	38
2	c	2 aft Easter	21	46	3	♍	24	4	21	7	39
3	d	M. Pas. In. Cr	22	44	16		57	4	19	7	41
4	e	Mon. M. A.	23	41	●	♒	2	4	17	7	43
5	f	Gothard	24	39	12		43	4	16	7	44
6	g	John port. lat.	25	36	25		4	4	14	7	46
7	a	John of Bev.	26	34	7	♓	10	4	12	7	48
8	b	Apparit. M.	27	32	19		9	4	11	7	49
9	c	Regat. fund.	28	29	1	♈	2	4	9	7	51
10	d	Quing. Pasch.	29	27	12		55	4	7	7	53
11	e	Sun in Gemi	☊	24	24		51	4	6	7	54
12	f	Pancrate	1	21	6	♉	50	4	5	7	55
13	g	Holy thurs.	2	19	18		58	4	4	7	56
14	a	Craft ascen.	3	16	1	♊	14	4	2	7	58
15	b	Sophia	4	14	13		39	4	1	7	59
16	c	San. af. ascen.	5	11	26		15	4	0	8	0
17	d	Term ends	6	9	9	♋	13	3	59	8	1
18	e	Sewal. bish.	7	6	21		2	3	58	8	2
19	f	Berthervine	8	3	5	♌	10	3	57	8	3
20	g	Ethelbert	9	1	18		32	3	56	8	4
21	a	Helene M.	9	58	2	♍	10	3	55	8	5
22	b	Helme fast	10	55	16		2	3	54	8	6
23	c	Whitsunday	11	52	0	♎	11	3	53	8	7
24	d	Esther	12	50	14		35	3	52	8	8
25	e	Urban P. M.	13	47	29		11	3	51	8	9
26	f	Ember week	14	44	13	♏	54	3	50	8	10
27	g	Bede Gener.	15	41	28		35	3	49	8	11
28	a	German	16	39	13	♐	8	3	48	8	12
29	b	K. Char. 2. m.	17	36	27		28	3	47	8	13
30	c	Trin. su. Ord	18	33	11	♑	23	3	46	8	14
31	d	Craft erin.	19	30	24		56	3	46	8	14

Now in this pleaſant moneth of May,
The earth is crown'd by th' goddeſs Flora,
With divers colours rich and gay:
And birds do welcome in Aurora:
And hedges in their white array,
Do ſet forth their Creators glory.

May 1675.

1	11		
2	12	Good weather	
3	13	at the begin.	
4	14	of the month.	
5	15	☿ Elong. Max.	The ſun is now with the 7 ſtars: and Mercury at his greateſt Oriental diſtance from the ſun, may be ſeen (the 11 day) to riſe almoſt an hour before the ſun, in Conjunction with the Planet Saturn.
6	16	2 ☉.	
7	17		
8	18	Pleaſant and	
9	19	good air.	
10	20	☌ ♄ ☿ 10 p.	
11	21	☌ ♄ ☿ 7 a. cold	
12	22	and windy, if	
13	23	not ſtorms.	
14	24		
15	25		
16	21		
17	27		
18	28	Warm now	
19	29	with ſome	
20	30	ſtorms follow.	
21	31	ing ſoon after.	
22	1	☐ ☌ ☿ 10 a.	June Roman account.
23	2		
24	3		
25	4	More pleaſant	
26	5	☍ ☉ ♃ 5 a.	
27	6	but windy,	The 29 and 30 days (if the air be clear) the two cold Planets Saturn and Venus, may be ſeen near together in the eaſt, about an hour before ſun riſing.
28	7	✱ ☌ ☿ 2 a.	
29	8	☌ ♄ ☿ 9 p.	
30	9	cold and moiſt	
31	10	at the end.	

Last quarter the 5 day 22 min. past 5 in the morn.
New moon the 13 day 17 min. past 5 in the morn.
First quarter the 20 day 50 min. past 7 in the morn.
Full moon the 27 day 35 min. past 3 in the morn.

											Sun-rising	Sun-setting
1	f	Rhamphilli.	20	27	8	♒	5	3	46	8	14	
2	f	Marcellini	21	24	20		50	3	45	8	15	
3	g	Corpus Christ	22	21	3	♓	16	3	45	8	15	
4	a		23	19	15		25	3	45	8	15	
5	b	Bonifac M.	24	16	27		21	3	44	8	16	
6	c	1 su. af. Trin.	25	13	9	♈	15	3	44	8	16	
7	d	Octab. Trin.	26	10	21		8	3	44	8	16	
8	e	Medard	27	7	3	♉	3	3	43	8	17	
9	f	Pelagia	28	4	15		5	3	43	8	17	
10	g	Margar. M.	29	1	27		15	3	43	8	17	
11	a		29	58	9	♊	39	3	43	8	17	
12	b		0	55	22		17	3	43	8	17	
13		2 su. af. Trin.	1	52	5	♋	11	3	43	8	17	
14	d	Quind. Trin.	2	49	18		22	3	43	8	17	
15	e	Vitus	3	46	1	♌	40	3	43	8	17	
16	f	Rowland	4	44	15		14	3	44	8	16	
17	g	Botolph Ab.	5	41	28		58	3	44	8	16	
18	a	Marcus M.	6	38	12	♍	52	3	44	8	16	
19	b	Gervase M.	7	35	26		50	3	45	8	15	
20	c	3 after Trin.	8	32	10	♎	56	3	45	8	15	
21	d	Tres Trin.	9	29	25		8	3	45	8	15	
22	e	Alban Mar.	10	26	9	♏	22	3	46	8	14	
23	f	fast	11	23	23		37	3	46	8	14	
24	g		12	20	7	♐	51	3	46	8	14	
25	a	Imandus	13	17	21		57	3	47	8	13	
26	b	John & Paul	14	14	5	♑	19	3	48	8	12	
27	c	4 after Trin.	15	11	19		33	3	48	8	12	
28	d	Leo Pope fast	16	8	2	♒	56	3	49	8	11	
29	e		17	5	16		0	3	50	8	10	
30	f	Com. of Paul.	18	2	28		44	3	51	8	9	

When Sol unto the Crab ariveth,
The Northern people are ſurprized;
For of his light he them depriveth,
Being with Luna's mask diſguiſed:
Whoſe next full face (nature contriveth)
Shall be by earth's black ſhade deſpiſed.

1	11	High winds,
2	12	☌ ☿ ☿ 7 2 a.
3	13	with ſome
4	14	ſtorms if not
5	15	thunder,
6	16	□ ♄ ♂ 9 p.
7	17	the former
8	18	♂ ☉ ☿ 1 p.
9	19	part of the
10	20	moneth.
11	21	
12	22	△ ♃ ♂ 10 p.
13	23	very warm
14	24	✱ ♄ ☿ 3 a.
15	25	cooler now
16	26	with freſh
17	27	winds.
18	28	
19	29	
20	30	
21	1	Cool and
22	2	✱ ☉ ♄ 5 a.
23	3	cloudy if not
24	4	rain following
25	5	
26	6	Pleaſant at
27	7	☌ ☿ ☿ 8 a.
28	8	this time, but
29	9	windy at the
30	10	end.

June 1675.

The 13 day at 5 in the morning will happen an Eclipſe of the Sun, which (according to Mr *Gadbury*) will be viſible in *England*, though *Argol* mentions it not: the greateſt obſcurity will be 17 min. part 5, & the north ſide of the Sun darkned.

July Roman account.

The 27 day will happen a total Eclipſe of the Moon at 4 in the morning, whoſe beginning and middle may be obſerved by us at *Cambridge*, but the Sun riſeth and the Moon ſetteth before the end.

Last quarter the 4 day 12 min. past 10 at night.
New moon the 12 day 17 min. past 4 afternoon.
First quarter the 19 day 32 min. past 11 beforenoon.
Full moon the 26 day 48 min. past 2 afternoon.

1	g	Rumwald B.	18	59	11	♓	11	3	53	8	Sun-setting.	7
2	a	Visit. of Mary	19	57	23		22	3	54	8		6
3	b	Hiacyn. M.	20	54	5	♈	22	3	Sun-rising. 55	8		5
4	c	5 aft. Trin.	21	51	17		15	3	56	8		4
5	d	Anselm	22	48	29		7	3	57	8		3
6	e	Hector	23	45	10	♉	29	3	58	8		2
7	f	Becket B.C.	24	42	23		0	3	59	8		1
8	g	Thilian	25	39	5	♊	13	4	0	8		0
9	a	Cyril	26	37	17		40	4	1	7		59
10	b	7 Brethren	27	34	0	♋	27	4	3	7		57
11	c	6 aft. Trin.	28	31	13		34	4	4	7		56
12	d	Henricus	29	28	27		1	4	5	7		55
13	e	Sun in Leo		☌♌	25	10	♌	47	4	7	7	53
14	f	Bonavent.	1	23	24		48	4	8	7		52
15	g	S. Swithin	2	20	8	♍	59	4	10	7		50
16	a	Osmund	3	17	23		19	4	11	7		49
17	b	Alexius	4	14	7	♎	37	4	13	7		47
18	c	7 aft. Trin.	5	12	21		52	4	15	7		45
19	d	Dog days be.	6	9	6	♏	3	4	17	7		43
20	e	Margar. M.	7	6	20		6	4	19	7		41
21	f	Praxeda V.	8	4	3	♐	58	4	21	7		39
22	g	Mary Mag.	9	1	17		49	4	22	7		38
23	a	Apollinaris	9	59	1	♑	27	4	24	7		36
24	b	Christian. fast	10	56	14		56	4	26	7		34
25	c	S. James	11	53	28		13	4	27	7		33
26	d	Anna	12	51	11	♒	18	4	29	7		31
27	e	Martha V.	13	48	24		9	4	30	7		30
28	f	Celsus P. M.	14	46	6	♓	46	4	32	7		28
29	g	Beatrix	15	43	19		10	4	33	7		27
30	a	Abdon M.	16	41	1	♈	19	4	35	7		25
31	b	Ignatius	17	38	13		21	4	37	7		23

Though Flora's pride be much abated,
Amends is made by th' Goddeſs Ceres;
Who now with corn comes fully fraighted,
And graſs; to whom the ſithe-man neer is,
Who turns it ſoon to withering hay,
Reſembling mans ſuddain decay.

July 1675.

1	11	□ ♄ ☿ 4 a.	
2	12	Cloudy with	
3	13	cool winds,	
4	14	if not ſtorms	
5	15	at the begin.	
6	16		The 6 day is Commencement Tueſday.
7	17		
8	18	Good weather	
9	19	for the hay-	*Cambridge* term ends the 9 day.
10	20	makers a great	
11	21	part of this	
12	22	moneth.	
13	23		The 14 day the Planet Mercury being almoſt at his greateſt Occidental diſtance from the Sun, may (about 3 quarters of an hour after Sun-ſetting) be ſeen in Conjunction with the moon, (and ready to ſet) above two degrees diſtant from her toward the North.
14	24		
15	25	✱ ♂ ☿ 11 a.	
16	26	Very warm.	
17	27	☿ Elong. Max.	
18	28		
19	29		
20	30		
21	31	Warm and	
22	1	pleaſant, but	Auguſt Roman account.
23	2	△ ☉ ♃ 2 a.	
24	3	grows colder	
25	4	△ ☉ ♄ 5 p. &	The Planet Jupiter, having been Retrograde from the 26 day of March now becomes direct.
26	5	□ ♃ ♂ 10 p.	
27	6	cloudy with	
28	7	ſtorms, if not	
29	8	thunder.	
30	9	♃ direct	
31	10	△ ♄ ♂ 7 a.	

Last quarter 3 day, 18 min. past 3 in the afternoon.
New moon 11 day at 47 min. past 3 in the morn.
First quarter 17 day. 40 min. past 4 afternoon.
Full moon 25 day, 26 min. past 4 in the morning.

1	f	9 af Tr Lam.	18	36	25	♈	15	4	38	7	22
2	g	Inv. Steph.	19	33	7	♉	7	4	39	7	21
3	a	Dominick	20	31	18		58	4	41	7	19
4	b	Iust ne	21	29	0	♊	59	4	43	7	17
5	c	Oswald	22	26	13		6	4	44	7	16
6	d	Transf. Christ	23	24	25		33	4	46	7	14
7	e	Donat. B. M.	24	22	8	♋	21	4	48	7	12
8	f	0 afr. Trin.	25	20	21		33	4	50	7	10
9	g	Roman	26	17	5	♌	11	4	52	7	8
10	a	S. Laurcn.	27	15	19		14	4	54	7	6
11	b	Gilbert	28	13	3	♍	41	4	56	7	4
12	c	Clare Virg.	29	11	18		19	4	58	7	2
13	d		0	♍	9	3	♎	5	5	0	7	0
14	e	Eusebius C.	1	7	17		50	5	2	6	58
15	f	11 af. Trin.	2	5	2	♏	26	5	4	6	56
16	g	Roch	3	2	16		47	5	6	6	54
17	a	Hammes	4	0	0	♐	51	5	8	6	52
18	b	Helena	4	59	14		38	5	10	6	50
19	c	Sebald	5	57	28		11	5	12	6	48
20	d	Bernard. A.	6	55	11	♑	29	5	14	6	46
21	e	Richard bis.	7	53	24		35	5	16	6	44
22	f	12 afr. Trin.	8	51	7	♒	30	5	18	6	42
23	g	Zacheus fast	9	49	20		14	5	20	6	40
24	a		10	47	2	♓	50	5	22	6	38
25	b	Lewis K. C.	11	46	15		14	5	24	6	36
26	c	Irenæus	12	44	27		29	5	26	6	34
27	d		13	42	9	♈	35	5	28	6	32
28	e	Augustin. B.	14	41	21		34	5	30	6	30
29	f	13 afr. Trin.	15	39	3	♉	30	5	32	6	28
30	g	Felix	16	37	15		21	5	34	6	26
31	a	Adrian B. C.	17	36	27		12	5	36	6	24

Sun-rising. Sun-setting.

The earth her fruit to man resigneth,
The sythe and sickle naked make her,
Thus left (her friend) the sun declineth
And his warm rays do soon forsake her,
Cold blasts, and frosts, then seize upon her:
So by degrees man loose his honour.

1	11	☿ Stat. ad Ret.
2	12	Some wind, &
3	13	cool, but good
4	14	weather for
5	15	harvest the
6	16	former part.
7	17	
8	18	
9	19	
10	20	
11	21	I fear some
12	22	wet with high
13	23	winds at this
14	24	☌ ☉ ☿ 2. a time.
15	25	△ ♄ ☿ 4 p.
16	26	pleasant but
17	27	□ ♄ ☿ 2 p.
18	28	soon grows
19	29	cool and clou-
20	30	dy, if not
21	31	storms.
22	1	
23	2	Good weather
24	3	□ ♃ ☉ 10 2.
25	4	it grows
26	5	△ ♄ ☉ 22.
27	6	colder and
28	7	cloudy.
29	8	
30	9	☿ Elong. Max.
31	10	2 ☉.

August 1675.

At the beginning of the moneth Mercury is Stationary to Retrogradation. Saturn is the same the 14 day, at which time the sun is in Conjunction with Mercury, which together with the square of Saturn, and Venus; may cause some high winds, with wet, to hinder men in their harvest.

September Roman account.

Those that desire to see the Planet Mercury, may at the end of this moneth, in clear mornings, have their desire; he being then the Harbinger of the Sun, and at his greatest Oriental distance from him, and not far from the morning star Venus.

Last quarter the 2 day 58 min. past 7 in the morn.
New moon the 9 day 55 min. past 10 before noon.
First quarter the 15 day 45 min. after midnight.
Full moon the 23 day 31 min. past 8 at night.

1	f	Giles Abbo.	18	34	9	♊	10	5	38	6	2	
2	g	Serapia	19	32	21		37	5	40	6	20	
3	a	Lupus	20	31	3	♋	59	5	42	6	18	
4	b	Cathert Cr.	21	30	16		23	5	44	6	16	Sun-setting
5	c	14 aft. Trin.	22	29	29		32	5	46	6	14	
6	d	Magnus	23	27	13	♌	11	5	48	6	12	
7	e	Dunstan B.	24	26	27		21	5	50	6	10	
8	f	Nativ. Mary	25	25	11	♍	55	5	52	6	8	
9	g	Gorgon M.	26	23	26		54	5	54	6	6	
10	a	Nicho. Con.	27	22	12	♎	4	5	56	6	4	
11	b	Maurice	28	21	27		11	5	58	6	2	
12	c	15 aft. Trin.	29	20	12	♏	10	5	59	6	1	
13	d		0	♎ 19	26		49	6	0	6	0	
14	e	Exaltat. cru.	1	18	11	♐	5	6	2	5	58	
15	f		2	17	24		59	6	4	5	56	
16	g	Euphemia	3	16	8	♑	27	6	6	5	54	
17	a	Lucretes	4	15	21		35	6	8	5	52	
18	b	Petronius	5	14	4	♒	27	6	10	5	50	
19	c	16 after Trin.	6	13	17		7	6	12	5	48	
20	d	Fausta fast	7	12	29		36	6	14	5	46	
21	e		8	11	11	♓	55	6	16	5	44	
22	f	Maurictus	9	10	24		7	6	18	5	42	
23	g	Eldras	10	10	6	♈	14	6	20	5	40	
24	a	Samuel	11	9	18		14	6	22	5	38	
25	b	Cleophas	12	8	0	♉	12	6	24	5	36	
26	c	17 aft. Trin.	13	8	12		5	6	26	5	34	
27	d	Co. & Da.	14	7	23		57	6	28	5	32	
28	e	wenceslaus	15	7	5	♊	52	6	30	5	30	
29	f		16	6	17		50	6	32	5	28	
30	g	Jero. P.D.	17	6	29		59	6	34	5	26	

Now Sol the Northern Pole forſaketh:
Makes days and nights of equal length:
To cheer the South great haſte he maketh:
Heat now abates: cold gathers ſtrength:
The world's unſteady, turning round,
And all things in't uncertain found.

September 1675.

1	11	☌ ☿ ☿ ffere.
2	12	Like to rain
3	13	at the begin-
4	14	ning.
5	15	
6	16	Variable
7	17	with wind.
8	18	△ ♄ ☿ 3 p.
9	19	□ ♅ ☿ 5 a.
10	20	△ ♄ ☿ 10 a.
11	21	☐ ♅ ☿ 3 a.
12	22	Good weath.
13	23	and very
14	24	warm for
15	25	the ſeaſon
16	26	of the year.
17	27	✶ ♅ ☌ 10 a.
18	28	
19	29	
20	30	
21	1	
22	2	
23	3	High winds
24	4	about this
25	5	☌ ☉ ☿ ☌ time
26	6	but neer
27	7	✶ ♅ ☿ 3 a.
28	8	✶ ☋ ♅ ☌
29	9	the end plea-
30	10	ſant weather.

Sturbridge Fair begins the 8 day

The Planet Jupiter being now an evening ſtar, may upon the 14 day, be ſeen to ſet not far from the Moon, half an hour after 8 in the evening.

October Roman account.

The morning ſtar Venus; as alſo Mars, and Mercury, are now too neer the Sun to be ſeen; but Saturn may be ſeen upon the Meridian about 3 in the morning.

Last quarter 1 day, 40 min. past 11 at night.
New moon 8 day, 48 min. past 7 at night
First quarter 15 day, 12 min. past 1 afternoon.
Full moon 23 day, 23 min. past 3 afternoon.
Last quarter 31 day, 48 min. past 1 afternoon.

									Sun-rising	Sun-setting
1	a	Remigius B	18	5	12	♐	20	6 39	5	21
2	b	Leodegar	19	5	24		59	6 41	5	19
3	c	18 aft. Trin.	20	4	8	♑	3	6 43	5	17
4	d	Francis	21	4	21		34	6 45	5	15
5	e	Constance	22	4	5	♒	37	6 47	5	13
6	f	S. Faith	23	3	20		9	6 49	5	11
7	g	Dionysius	24	3	5	♓	7	6 50	5	10
8	a	Demetri M.	25	3	20		2	6 52	5	8
9	b	Michaelis	26	3	5	♈	42	6 54	5	6
10	c	19 aft. Trin.	27	3	20		56	6 56	5	4
11	d	Burchard	28	3	5	♉	54	6 58	5	2
12	e	Wilfrid	29	3	20		26	7 0	5	0
13	f	Edward Conf.	om	3	4	♊	30	7 2	4	58
14	g	Calixtus M.	1	3	18		7	7 4	4	56
15	a	Hedwig	2	3	1	♋	17	7 6	4	54
16	b	Gallus	3	3	14		7	7 8	4	52
17	c	20 aft. Trin.	4	3	26		40	7 10	4	50
18	d		5	3	8	♌	59	7 12	4	48
19	e	Potolome;	6	3	21		9	7 14	4	46
20	f	Tres Mich.	7	3	3	♍	12	7 16	4	44
21	g	Ursly M rt.	8	4	15		10	7 17	4	43
22	a	Cordula M.	9	4	27		6	7 19	4	41
23	b		10	4	9	♎	0	7 20	4	40
24	c	21 aft. Trin.	11	5	20		55	7 22	4	38
25	d	Crispine	12	5	2	♏	52	7 24	4	36
26	e	Amandus	13	5	14		52	7 25	4	35
27	f	Vent. M. fast	14	6	26		58	7 27	4	33
28	g		15	6	9	♐	12	7 29	4	31
29	a	Sadd. B. C.	16	7	21		39	7 30	4	30
30	b	German fast	17	7	4	♑	22	7 32	4	28
31	c	22 aft. Trin.	18	7	17		23	7 33	4	27

Thick mists, and clouds, are now combining,
To darken Sol's weak oblique rays,
Who being far from us declining,
Cause cloudy, moist, cold and short days:
Trees are uncloath'd, the earth left bare,
And all her pleasures, fading are.

October 1675.

There being several Conjunctions and Oppositions of the Planets this moneth, and most of the Planets in a watery sign, I fear will cause much bad weather.

Cambridge Term begins the 11 day, and then the Proctours, Taxours and Scrutatours are chosen

Magna Congregatio the 22 day. November Roman account.

Those that delight in Celestial observations, may take notice of an Ecliptical Conjunction of the moon with the 7 stars, the 24 day at 9 in the evening, at which time the moon will hide the south part of those stars from our sight.

1	11	☌♂♀ 10 p.
2	12	High winds
3	13	with wet at
4	14	the beginning
5	15	
6	16	
7	17	Better weath.
8	18	✶♃♀ 4 p.
9	19	about this
10	20	time.
11	21	
12	22	☍♄♀ 8 a.
13	23	High winds,
14	24	and storms.
15	25	Turbulent
16	26	☌☉♂ 0. but
17	27	warm for the
18	28	season.
19	29	
20	30	
21	31	Tempestuous,
22	1	☌♄☉ 8 a. cold
23	2	and stormy
24	3	☌♄☌ 9 p.
25	4	Weather, it
26	5	☍♄♀ 1 a.
27	6	☌♂♀ 0.
28	7	may be more
29	8	then ordinary
30	9	
31	10	

November hath xxx days.

New moon the 7 day 25 min. past 5 in the morning.
First quarter the 14 day 7 min. past 5 in the morning.
Full moon the 22 day 9 min. past 9 before noon.
Last quarter the 30 day 28 min. past 1 in the morn.

1	d	All Saints	19	8	0	♍	48	7	35	4	25
2	e	All Souls	20	9	14		38	7	37	4	23
3	f	Crast. anima	21	10	28		57	7	39	4	21
4	g	Agricola M.	22	10	13	♎	39	7	41	4	19
5	a	Powder treat	23	11	28		43	7	43	4	17
6	b	Leonard	24	12	13	♏	56	7	45	4	15
7	c	23 aft. Trin.	25	13	29		10	7	47	4	13
8	d	Claudius	26	13	14	♐	11	7	49	4	11
9	e	Theodorus	27	14	28		53	7	51	4	9
10	f	Erastus	28	15	13	♑	9	7	52	4	8
11	g	Martin? Bis.	29	16	26		55	7	54	4	6
12	a	☾ in ♐ Cr. M.	0	♐ 17	10	♒	15	7	55	4	5
13	b	Brice	1	18	23		10	7	57	4	3
14	c	24 aft. Trin.	2	19	5	♓	43	7	59	4	1
15	d	Leopold	3	20	18		1	8	0	4	0
16	e	Edmond bis.	4	21	0	♈	5	8	1	3	59
17	f	Hugh	5	22	12		4	8	2	3	58
18	g	Octab. Mart.	6	23	23		57	8	3	3	57
19	a	K. Char. 1 nat.	7	24	5	♉	51	8	4	3	56
20	b	Edmund K.	8	25	17		44	8	5	3	55
21	c	25 aft. Trin.	9	26	29		42	8	6	3	54
22	d	Cicely Virg.	10	27	11	♊	46	8	7	3	53
23	e	Clem P. M.	11	28	23		57	8	8	3	52
24	f	Chrysog. M.	12	29	6	♋	16	8	9	3	51
25	g	Quind. Mart.	13	30	18		44	8	10	3	50
26	a	Conrade	14	31	1	♌	25	8	11	3	49
27	b	Oda virgin	15	32	14		19	8	12	3	48
28	c	Advent sund	16	34	27		29	8	13	3	47
29	d	Term ends	17	35	10	♍	55	8	13	3	47
30	e	S. Andrew	18	36	24		39	8	14	3	47

Sun-rising. Sun-setting.

Old Hyems now his gray hairs ſhaking,
Cloaths Trees and Herbs with rine and ſnow:
A cryſtal cruſt o'th' waters making,
When he with churliſh breath doth blow;
Bacchus and Vulcan, now befriend us.
They from his rage, can well defend us.

November 1675.

1	11	Milde weather	
2	12	at the begin-	
3	13	ning of the	
4	14	moneth.	
5	15		
6	16		
7	17		
8	18		
9	19	Expect cold	
10	20	☌ ☉ ☿ 0. rain,	
11	21	☿ Elon. M. a ☉	
12	22	or ſleet about	
13	23	this time.	
14	24		
15	25	☌ ♅ ☿ 10 a.	
16	26	High winds if	
17	27	not ſnow or	
18	28	rain.	
19	29		
20	30		
21	1	☿ Stat. ad Re.	
22	2		
23	3		
24	4		
25		High winds	
26	5	with ſnow, or	
27	6	☌ ☿ ☿ 12 p.	
28	8	cold rain to-	
29	9	ward the end	
30	10	☌ ☉ ☿ 12.	

The Vice-chancellour lays down his office the 3 day.

All thoſe that ſail toward the Cape of good Hope, may now ſee Mercury after ſun ſetting very bright, and tranſparent; but to us he will ſcarce be viſible.

The 10 day the morning ſtar (Venus) is in Conjunction with the Sun and from thence forth becomes an evening ſtar. And the 15 day is a Conjunction of Jupiter and Mercury, but not to be ſeen by us.

New moon 6 day, 11 min. past 4 afternoon.
First quarter 13 day, 14 min. after midnight.
Full moon 22 day, 3 min. past 3 in the morning.
Last quarter 29 day, 46 min. past 10 before noon.

									Sun-rising.		Sun-setting.	
1	f	Daniel bish.	19	37	8	♎	42	8	14	3	46
2	g	Candida	20	38	23		6	8	14	3	46
3	a	Lucius King	21	40	7	♏	44	8	15	3	45
4	b	Barbara V.	22	41	22		45	8	15	3	45
5	c	1 in Advent	23	42	7	♐	27	8	15	3	45
6	d	Nicholas	24	43	22		17	8	16	3	44
7	e	Ambrose C.	25	45	6	♑	55	8	16	3	44
8	f	Conce. of M.	26	46	21		10	8	16	3	44
9	g	Joachim	27	47	5	♒	2	8	17	3	43
10	a	Dimasus	28	48	18		29	8	17	3	43
11	b	Melchiades	29	50	1	♓	30	8	17	3	43
12	c	3 in Advent	0	♑ 51	14		10	8	17	3	43
13	d	Lucy Virg.	1	52	26		29	8	17	3	43
14	e	Nicasius	2	54	8	♈	34	8	17	3	43
15	f		3	55	20		31	8	17	3	43
16	g	O Sapientia	4	56	2	♉	22	8	16	3	44
17	a	Lazarus	5	58	14		11	8	16	3	44
18	b	Christopher	6	59	26		8	8	16	3	44
19	c	4 in Advent	8	0	8	♊	8	8	15	3	45
20	d	Julian fast	9	2	20		19	8	15	3	45
21	e		10	3	2	♋	41	8	15	3	45
22	f	Theodotus	11	4	15		16	8	14	3	46
23	g	Vigil V. M.	12	6	28		6	8	14	3	46
24	a	Ad. & E. fast	13	7	11	♌	9	8	13	3	47
25	b		14	8	24		25	8	13	3	48
26	c		15	9	7	♍	53	8	11	3	49
27	d		16	11	21		32	8	10	3	50
28	e		17	12	5	♎	22	8	9	3	51
29	f	Circumcis.	18	13	19		22	8	8	3	52
30	g	David King	19	15	3		30	8	7	3	53
31	a	Sylvester P.	20	16	17		48	8	6	3	54

Luna eclips'd brought in the year,
To end it both the Luminaries,
Eclipsed to the earth appear:
From which pale death but little varies,
Which some in Infancy doth sting,
But Old all to the grave doth bring.

December. 1675.

1	11	
2	12	Pleasant fro-
3	13	sty weather,
4	14	☌ ☿ ♀ 10 p.
5	15	with wind
6	16	and snow
7	17	following
8	18	☌ ♂ ☿ 12.
9	19	soon after.
10	20	△ ♄ ♀ 6 a.
11	21	seasonable
12	22	weather,
13	23	inclining to
14	24	frost.
15	25	
16	26	More sharp
17	27	△ ☉ ♄ 4 a.
18	28	and freezing
19	29	weather, if
20	30	not snow.
21	31	

The 6 day at 5 at night the Sun will be eclipsed to be seen in the south-west part of the world, but not with us.

Cambridge Term ends the 16 day.

January Roman account. 1676.

22	1	
23	2	
24	3	
25	4	High winds,
26	5	☌ ♂ ☿ 2 p.
27	6	with snow,
28	7	or cold
29	8	rain.
30	9	
31	10	

The 22 day at 3 of the clock in the morning will happen a small Eclipse of the Moon, which will be visible with us if clouds hinder not.

A plain and easie Table shewing the true interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	li.	p.	q.	li.	p.	q.	li.	p.	q.	li.	p.	q.	li.	p.	q.
Shill. 5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	2
10	0	0	2	0	1	3	0	3	1	0	5	1	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
Pounds. 1	0	1	0	0	3	1	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	5	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	l.	s.	p.	l.	s.	p.	l.	s.	p.	l.	s.	p.	l.	s.	p.
Tens of Pounds. 10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
00	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find your principall in the second Column, and right against the same is the interest due for one, three, six, nine, or twelve moneths.

10

SWAN

The second part of this ALMANACK for the year of our LORD GOD 1675.

Wherein is contained a figure of the Heavens at the Suns entrance into *Aries*, the Eclipses, with other Celestial observations, the Critical days, a Chronology, a Table of the Assize of Bread, with Tables to find the hours of the night more exactly then formerly.

Magna opera Domini: Exquisita in omnes Voluntates ejus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1675.

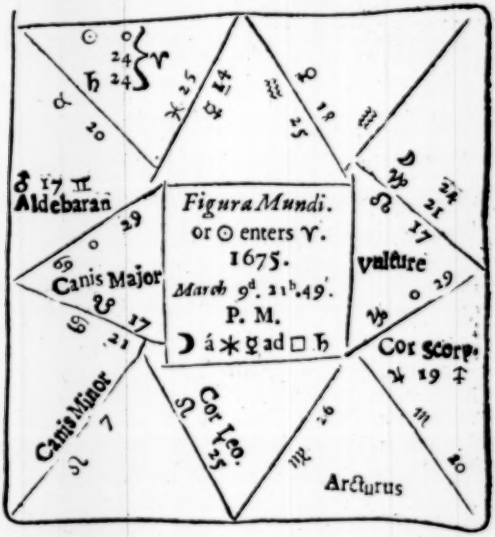
According to *Aſtronomia Inſtaurata* the Sun enters *Aries* this year 1675, *March* 10 day, 13 minutes paſt 10 of the Clock beforenoon, as by the following Calculation doth appear.

Time	Longit. ☉	Apog. ☉
1601 9	19 58 34	3 5 43 28
600	0 26 56	1 01 38
14 11	29 36 43	14 23
March 1	28 9 11	10
Day 9	8 52 15	1
hours 22	54 13	
min. 13	32	
Mean. mot. ☉	11 27 58 24	3 6 59 40
Apog. ſubſ.	3 6 59 40	Apog. ☉
Anom. of ☉	8 20 29 44	
Equat. add.	2 1 38	
☉ true place	0 0 0 2	Aries 2 Sec

At which time the Figure of the Heavens will appear with us at *Cambridge* as followeth, *viz.* 6 Degrees of Cancer Aſcends the Horizon, 56 minutes of Virgo upon the Cuſp of the 4 Houſe, 6 Degrees of Capricorn on the 7, and 56 minutes of Piſces upon the Meridian, or 10 Houſe.

But by M. *Gadbury*'s Computation, the Sun enters *Aries* 24 minutes ſooner, that is at 49 minutes after 9 of the Clock beforenoon, at which time the Figure of the Heavens will appear as followeth at *London*, and the difference of Meridians between *London* and *Cambridge* being ſmall, I ſhall not alter the Figure.

A Figure of the Heavens at the Suns entrance into *Aries*.



The time of the Suns entrance into the other Cardinal signs is as followeth.

He enters *Cancer June* 11 at 1 in the afternoon, at which time beginneth our summer quarter.

He enters *Libra September* 13 at 5 morning, at which time beginneth the Autumnal quarter.

Last of all he enters *Capricorn December* 11 at 14 afternoon, at which time beginneth our winter quarter,

Of the Eclipſes this Year.

THere will be 5 Eclipſes of the Luminaries this year, *viz.* two of the Sun, and three of the Moon; they follow in order, thus,

The firſt is a total and almoſt Central Eclipſe of the Moon *January* the firſt in the evening; which will be almoſt four hours continuance; the beginning at 37 minutes paſt 5, the middle 30 min. paſt 7. the end 23 minutes paſt 9 at night; and therefore will be viſible to us, from the beginning to the end, if clouds hinder not.

Aſtrologers tell us that Eclipſes are Prejudicial to Natives, or Places, when they happen in their Aſcendants; now this Eclipſe happens in 22 Degrees of Cancer, under which ſign, (and the Moon) are *Scotland, Holland, Zealand, Burgundy, Ruſſia*, &c. And of cities, *York, S. Andrews, Conſtantinople, Venis, Genoa, Wittenburge*, &c.

The ſecond Eclipſe will be of the Sun, the 13 day of *June* 17 min. paſt 5 in the morning which will (in part) be viſible in *England*, but more to the South-eaſt parts of the world as in *France, Italy*, &c. This Eclipſe likewiſe happens in the beginning of Cancer.

The third is a total Eclipſe of the Moon, *June* 27, the middle whereof will be with us at *Cambridge*, 36 min. paſt 3 of the Clock in the morning; the beginning and middle of this Eclipſe may be obſerved by us (if the air be clear) but not the end, becauſe the Moon ſetteth before the end: thoſe that inhabit *Braſile*, S *Lawrence*, the *Caribbe* Iſlands, the kingdom of the *Amazons*, &c. may ſee it in their Meridian: it falls in the 15 Degree of Capricorn, the kingdoms under this Sign are moſt of them far from us; the neareſt are the Iſles of the *Orchades, Saxony*, &c. And of Cities *Oxford, Bergus, Gaunt, Brandenburg, Conſtance, Formoute*, &c.

The

The fourth Eclipſe will be of the Sun, the 6 day of *December*, the middle of it 12 min. after 4 of the Clock, in the evening, that is 28 min. after ſun ſetteth, and therefore cannot be ſeen by us, and I queſtion whether the beginning of it will be perceived by us, the Eclipſe being ſmall: if the air be clear thoſe which have fit Inſtruments, may do well to make obſervation of it, becauſe (the great Ephemeridiſt) Argol mentions it not, nor the next of the Moon.

The fifth and laſt, is a ſmall Eclipſe of the Moon, which will be viſible to us (if clouds hinder not) the 22 day of *December*, at 3 of the Clock in the morning; the beginning of it will be ſeen in *Tartary*, *Perſia*, and by ſuch as ſhall Navigate in the South Seas, and about *California*: but the inhabitants of *Greenland*, *Terra Nova*, &c. Shall have it in their Meridian; this Eclipſe happens in 11 Degrees of Cancer.

Take this for a Rule in Eclipſes, that in an Eclipſe of the Sun, the Weſt ſide of his Body begins firſt to be darkned, for the Moon (who is the cauſe of the Suns Eclipſe) moving ſwifter from Weſt to Eaſt, then the Sun; enters firſt upon the Weſt ſide of his Body. But in an Eclipſe of the Moon, her Eaſt part is firſt darkned, becauſe (by her ſwift motion from Weſt to Eaſt) her Eaſt ſide firſt enters into the Earths ſhadow, which is the cauſe of the Moons Eclipſe

Some other Celeſtial obſervations, will happen this year, worth the taking notice of, as theſe which follow.

The 23 day of *January*, Mars may be ſeen in Conjunction with the 7 ſtars (in the evening) near two Degrees diſtant from them toward the South; likewiſe the 24 day, in the evening, they may be ſeen togethers and in Conjunction with the Moon, *viz.* The 7 ſtars at 9 in the evening, (at which time the Moon having 4 Degrees 22 minutes North Latitude, her Southern horn may be ſeen to Eclipſe the moſt Northern of the 7

ſars) and Mars after 11, above 2 Degrees diſtant from her toward the South.

The 28 day of *Auguſt* about 40 min. paſt 3 in the morning, the morning ſtar (Venus) may be ſeen to riſe near the Lyons Heart, a ſtar of the firſt magnitude, *viz.* About half a Degree diſtant from it toward the North: the 14 of *September* in the evening, the Planet Jupiter may be ſeen in Conjunction with the Moon, above 2 Degrees diſtant from her toward the North.

The 23 day of *October*, in the evening, Saturn, the Moon, and the Pleiades may be ſeen to make a Triangle: and the 24 day, at 9 in the evening, the Moon will be in Conjunction with the Pleiades; at which time (ſhe having 3 Degrees and 10 minutes North Latitude) her North part will hide the moſt Southern of the 7 ſtars from our ſight; but I fear ſtormy and cloudy weather, about this time, which will hinder us from making obſervation.

In *December* the Planet Mercury (a ſtar but ſeldom ſeen) is twice in Conjunction with Mars, *viz.* The 8 day, and the 26 day; the firſt of which Conjunctions, *viz.* The 8 day Mercury (being near his greateſt diſtance from the Sun) may (if the air be clear) be ſeen to riſe (above an hour before the Sun) 2 Degrees and an half diſtant from Mars toward the North

The laſt year I give a general conjecture of the ſtate of the year, and it may be expected I ſhould do the ſame again, but I find ſuch difference among Aſtronomers about the Revolutional figure, or the time of the Suns entrance into Aries, (from whence Aſtrologers uſually give Judgement upon the enſuing year) that I ſhall ſay little; for whereas by *Aſtronomia Inſtaurata* the Sun enters Aries *March* 10 day 13 min paſt 10 before noon; by M. *Gadbury*'s Tables he enters 24 min ſooner, but by the *Caroline an* Tables almoſt 2 hours later; in which time a different Sign will aſcend, and the Planets be placed in different Houſes, ſo that no certain account

can

can be given of the weather in general; nor in particular, by reason we find such difference in the Planets places, as many times several Degrees, by reason whereof the Aspects happen several days sooner or later.

In our Figure for this year I find Cancer, (a cold moist Sign) in the Ascendant; and the Moon who is Lady thereof, in Detriment, and placed in the 8 House, called by Astrologers the House of Death, which sheweth that the common people shall not suffer only in their estates, (that is in their Corn and Grass) by reason of too much moisture, or through want of it in its season) but also in their health, by Rhumes, and other moist distempers; and many of them in their lives, especially the female sex.

For the weather, the winter is like to be stormy, the spring pretty moderate with wind, and some cold; summer not very pleasant, much Thunder in some places; an indifferent harvest, but no great store of Corn, or fruit, wherefore Corn dear, and a death of Cattel in some places.

Sr *Francis Bacon* in his *Essays* (chap. ult. of the vicissitude of things) mentions an observation in the Low Countreys, that every five and thirty years, the same kind of years and weather comes about again, as great frosts, great wet, great droughts, warm winters, summers with little heat, and the like; and they call it the Prime; he saith the reason of his mentioning of it was because by computing backwards he had found some concurrence: and I mention it, that those who have good memories may reflect upon the time past, and others may make observation for the time to come, but I rather think it should be once in thirty years, because in that time the Planet Saturn finisheth his Revolution, and I find that Planet causeth much alteration in the air; but as I said before, time and observation will discover the truth.

I shall here give an account of some of the Critical

days as they are obſerved in the countrey.

If the 22 day of *January* be without clouds it is a ſign of a good year for wine: if the 25 day be clear, a good year: if it ſnow or rain, Corn will be dear; if windy, wars; if cloudy Cattel and Fowl will die. So long as the birds ſing before Candlemas day, ſo long they will be ſilent after: if the Sun ſhine on that day the greateſt part of winter is behind: if on the 22 of *February*, it freez: or be cold, it will continue a fortnight: alſo the 24 of *February* altereth the weather from froſt to thaw, or from thaw to froſt: if the Sun ſhines on Aſh-wedneſday it will ſhine every day in Lent. Thunder on Shrove-tueſday foretelleth wind, and plenty of fruit. So many miſts in *March*, ſo many hoar froſts after Eaſter, or ſo many froſts in *March*, ſo many in *May*: if it rain on Aſcenſion day it betokeneth a ſcarcity of food for Cattel: but if it be fair, plenty; if the Sun ſhine the 25 of *May*, wines proſper: if it rain on the 24 of *June*, it is a ſign of a bad harveſt, and that Nuts will be naught; if it rain the ſecond, fift, or eight days of *July*, much wet will follow; if it rain the 15 day, it will rain every day for 40 days: if the 25 be fair, it is a ſign of a good harveſt, ſo many days old as the Moon is the 29 of *September*, ſo many floods that winter: if the 11 of *November* be cloudy, it ſheweth a wet Winter; if dry, a ſharp Winter: look how many days the firſt ſnow falleth before the new Moon, ſo many ſnows are to come that winter: from the 6 of *December* to the 21, they are called Halcyon days, becauſe no winds uſe to blow about the winter Solſtice: if the 25 day of *December* falls near the new Moon it is a ſign of a good year, the nearer the new Moon the better.

More might have been added, but firſt try the verity of theſe.

A Brief Chronology.

THe Creation of the World	5679
Noahs Flood	4022
The destruction of *Troy*	2876
Brute entred *England*	2783
The building of *London*	2777
The building of *York*	2607
The building of *Cambridge*	2489
Alexander the Great died	1998
Cæsar conquered *Britain*	1727
Titus destroyed *Jerusalem*	1604
Cambridge made a University	1040
The first Mayor of *London*	485
Since The invention of Guns	295
The invention of Printing	226
Tilbury Camp, July 25	87
The Powder Treason	70
King *Charles* I. murdered	27
King *Charles* II. Returned	15
King *Charles* the II married	13
The terrible destructive wind in *February*	13
3 Blazing Stars in a short time	11
The great Plague in *London* whereof died 100000	10
London almost consumed by fire	9
The Merchants met again in the Royall Exchange	6
The Duke of Albemarle died	6
The Dutchess of Orleans at *Dov.* and died soon after	5
War proclaimed against the Dutch *March* 28	3
A peace concluded with the Dutch *Feb.* 9	1

A Table for the Assize of Bread.

Town bakers in Corporations.	By Troy weight, having twelve ounces in a pound, and so peny weight in each of those twelve ounces.						By *Avoir-du-pois* weight over-weight having 16 ounces in the pound, our common weights.						Country Bakers out of Corpor.
Price of Wheat.	*Peny white*			*Wheat.*			*Houshold*			*White Wheaten*			*Houshold*	*Price of Wheat.*
	li.	*Oun.*	*d.*	*li.*	*Ounc.*	*d.*	*li.*	*Ounc.*	*d.*	*Oun.qu.*	*Oun.qu.*		*Oun.qu.*	
2 sh. d.	1	3	6	1	11	0	2	6	12	17	0	25	1	34 0	2 sh. 3 d.
2 3	1	2	2	1	9	2	2	4	4	16	0	23	0	32 0	2 6
2 6	1	1	0	1	7	10	2	2	0	15	0	21	1	30 0	2 9
2 9	1	0	1	1	6	0	2	0	2	13	2	19	3	27 0	3 0
3 0	0	11	5	1	4	18	1	10	10	12	1	18	3	24 2	3 3
3 3	0	10	11	1	3	16	1	9	2	11	2	17	1	23 0	3 6
3 6	0	9	19	1	2	17	1	7	18	11	0	16	1	22 0	3 9
3 9	0	9	8	1	2	1	1	6	16	10	1	15	2	20 2	4 0
4 0	0	8	18	1	1	7	1	5	16	9	3	14	3	19 2	4 3
4 3	0	8	9	1	0	12	1	4	17	9	1	14	0	18 2	4 6
4 6	0	8	1	1	0	0	1	4	2	8	3	13	1	17 2	4 9
4 9	0	7	13	0	11	10	1	3	6	8	1	11	3	16 2	5 0
5 0	0	7	7	0	11	0	1	2	14	8	0	12	0	16 0	5 3
5 3	0	7	1	0	10	10	1	2	1	7	3	11	2	15 2	5 6
5 6	0	6	15	0	10	2	1	1	10	7	2	11	0	15 0	5 9
5 9	0	6	5	0	9	14	1	1	0	7	0	10	2	14 0	6 0
6 0	0	6	5	0	9	6	1	0	10	6	3	10	1	13 2	6 3
6 3	0	6	0	0	9	0	1	0	0	6	2	10	0	13 0	6 6
6 6	0	5	16	0	8	15	0	11	12	6	1	9	2	12 2	6 9
6 9	0	5	12	0	8	9	0	11	2	6	0	9	1	12 1	7 0

The proportion of the pound *Avoir-du-pois* to the pound *Troy*, is as 60 to 73; so that 60 pounds *Avoir-du-pois* are equal to 73 pounds *Troy*. The proportion of the ounce *Troy* to the ounce *Avoir-du-pois* is as 73 to 80; so that 73 ounces *Troy*, are equal to 80 ounces *Avoir-du-pois*. Therefore the pound *Avoir-du pois* is greater then the pound *Troy*; and the ounce *Troy* is greater then the ounce *Avoir-du-pois*.

Wheat at 5 shillings the Bushel or Strike, the Town-bakers peny white, is (by *Troy*) 7 ounces, 7 peny weight: by *Avoir-du-pois* 8 ounces: And the Countrey bakers peny white (by *Troy*) 7 ounces, 12 peny weight: by *Avoir-du-pois* 8 ounces and one quarter. If the baker want one ounce in 36 ounces of this assize, he shall suffer the Pillory without any fine or admonition, 51 *Hen.* 3.

A

A Table of the right Ascension of all the points of the Ecliptick, being very Useful to find the coming to the South of the Moon, Planets, and fixed Stars, that have little or no Latitude; more exactly then formerly.

Dec.	Aries H. M.	Taur. H. M.	Gem. H. M.	Canc. H. M.	Leo H. M.	Virgo H. M.
1	0 41	5 53	5 55	6 48	13 10	12
2	0 71	5 94	0	6 98	17 10	16
3	0 11 2	3 4	4	6 138	21 10	20
4	0 15 2	7 4	8	6 178	25 10	24
5	0 18 2	11 4	12	6 228	29 10	27
6	0 22 2	15 4	16	6 268	34 10	31
7	0 26 2	19 4	21	6 308	38 10	35
8	0 29 2	23 4	25	6 358	42 10	39
9	0 33 2	26 4	29	6 398	46 10	42
10	0 37 2	30 4	33	6 448	50 10	46
11	0 40 2	34 4	38	6 488	54 10	50
12	0 44 2	38 4	42	6 528	58 10	54
13	0 48 2	42 4	46	6 569	2 10	57
14	0 52 2	46 4	51	7 19	6 11	1
15	0 55 2	50 4	55	7 59	10 11	5
16	0 59 2	54 4	59	7 99	14 11	8
17	1 3 2	58 5	3	7 149	18 11	12
18	1 6 3	2 5	8	7 189	22 11	16
19	1 10 3	6 5	12	7 229	26 11	20
20	1 14 3	10 5	16	7 279	30 11	23
21	1 18 3	14 5	21	7 319	34 11	27
22	1 21 3	18 5	25	7 359	37 11	31
23	1 26 3	22 5	29	7 399	41 11	34
24	1 29 3	26 5	34	7 449	45 11	38
25	1 33 3	30 5	38	7 489	49 11	42
26	1 36 3	34 5	42	7 529	53 11	46
27	1 40 3	39 5	47	7 569	57 11	49
28	1 44 3	43 5	51	8 0 10	1 11	53
29	1 48 3	47 5	56	8 5 10	5 11	56
30	1 52 3	51 6	0	8 9 10	8 12	0

A Table of the right Ascension of all the points of the Ecliptick, being very Usefull to find the coming to the South of the Moon, Planets and fixed Stars, that have little or no Latitude; more exactly then formerly.

Deg	Libra		Scorpio		Sagitar.		Capri.		Aquar.		Pisces	
	H	M	H.	M.	H.	M.	H.	M.	H.	M.	H.	M
1	12	4	13	55	15	55	18	4	20	13	22	12
2	12	7	13	59	16	0	18	9	20	17	22	16
3	12	11	14	3	16	4	18	13	20	21	22	20
4	12	15	14	7	16	8	18	17	20	25	22	24
5	12	18	14	11	16	12	18	22	20	29	22	27
6	12	22	14	15	16	16	18	26	20	34	22	31
7	12	26	14	19	16	21	18	30	20	38	22	35
8	12	29	14	23	16	25	18	35	20	42	22	39
9	12	33	14	36	16	29	18	39	20	45	22	42
10	12	37	14	30	16	33	18	44	20	50	22	46
11	12	40	14	34	16	38	18	48	20	54	22	50
12	12	44	14	38	16	42	18	52	20	58	22	54
13	12	48	14	42	16	46	18	56	21	2	22	57
14	12	52	14	46	16	50	19	1	21	6	23	1
15	12	55	14	50	16	55	19	5	21	10	23	5
16	12	59	14	54	16	59	19	9	21	14	23	8
17	13	3	14	58	17	3	19	14	21	18	23	12
18	13	6	15	2	17	8	19	18	21	22	23	16
19	13	10	15	6	17	12	19	22	21	26	23	20
20	13	14	15	10	17	16	19	27	21	30	23	23
21	13	18	15	14	17	21	19	31	21	54	23	27
22	13	21	15	18	17	25	19	35	21	37	23	31
23	13	25	15	22	17	29	19	39	21	41	23	34
24	13	29	15	26	17	34	19	44	21	45	23	38
25	13	33	15	30	17	38	19	48	21	49	23	42
26	13	30	15	35	17	43	19	52	21	53	23	46
27	13	40	15	39	17	47	19	56	21	57	23	49
28	13	44	15	43	17	51	20	0	22	1	23	53
29	13	48	15	47	17	56	20	5	22	5	23	56
30	13	52	15	51	18	0	20	9	22	8	24	0

A Table ſhewing the right Aſcenſion and Semidiurnal arches of 26 of the principal fixed Stars, being very uſefull to find the hour of the night.

Names of the Stars.	R. A. ho.	R. A. m.	Se. ar. ho.	Se. ar. m.
The Southern * of the Whales tail.	0	27	4	4
The Girdle of Andromeda	0	51	10	6
The former horn of the Ram	1	36	7	39
Bright * in the head of the Ram	1	49	8	7
Bright * in the jaw of the Whale	2	45	5	45
Middlemoſt of the ſeven Stars	3	28	8	16
Aldebaran, or the Bulls eye	4	17	7	27
Bright * of Orion	4	59	5	14
The former ♃ of Orions Belt	5	16	5	57
Hinder ſhoulder of Orion	5	38	6	39
The brighteſt of Gemini	6	19	7	32
The great Dog	6	31	4	30
The leſſer Dog	7	22	6	32
North Aſſellus	8	23	8	14
South Aſſellus	8	25	7	50
The Lyons-heart	9	50	7	14
The Lyons-tail	11	32	7	32
The Virgins Spick	13	8	5	11
Arcturus	14	1	8	2
South-Ballance	14	33	4	40
North-Ballance	15	0	5	17
Scorpions-heart	16	9	3	23
The tail of the Vulture	18	51	7	14
Higher horn of the Goat	20	0	4	46
The mouth of Pegaſus	21	28	6	44
The head of Andromeda	23	52	8	51

A Table shewing the right Ascension of the Sun for every other day in the year.

Days	Janu. H.	Janu. M.	Febru. H.	Febru. M.	March H.	March M.	April. H.	April. M.	May. H.	May. M.	June H.	June M.
1	19	34	21	42	23	28	1	21	3	14	5	19
3	19	43	21	50	23	34	1	28	3	22	5	27
5	19	51	21	58	23	43	1	35	3	30	5	35
7	19	59	22	5	23	50	1	43	3	38	5	44
9	20	8	22	13	23	57	1	50	3	46	5	52
11	20	16	22	21	0	4	1	58	3	54	6	0
13	20	25	22	28	0	12	2	5	4	2	6	9
15	20	33	22	36	0	19	2	12	4	9	6	17
17	20	42	22	43	0	26	2	20	4	17	6	25
19	20	50	22	51	0	34	2	28	4	25	6	34
21	20	58	22	58	0	41	2	36	4	34	6	42
23	21	6	23	6	0	48	2	43	4	42	6	50
25	21	14	23	14	0	55	2	51	4	50	6	58
27	21	22	23	22	1	2	2	58	4	58	6	7
29	21	30			1	10	2	6	5	6	6	15

Days	July H.	July M.	August H.	August M.	Septem. H.	Septem. M.	Octob. H.	Octob. M.	Nov. H.	Nov. M.	Decem. H.	Decem. M.
1	7	23	9	25	11	18	13	7	15	7	17	15
3	7	31	9	32	11	26	13	14	15	16	17	24
5	7	39	9	40	11	33	13	22	15	24	17	33
7	7	47	9	47	11	40	13	29	15	32	17	42
9	7	55	9	55	11	47	13	37	15	40	17	51
11	8	3	10	2	11	55	13	45	15	49	18	0
13	8	11	10	9	12	2	13	52	15	57	18	9
15	8	19	10	17	12	9	14	0	56	6	18	18
17	8	27	10	24	12	16	14	8	16	14	18	27
19	8	35	10	31	12	24	14	16	16	23	18	36
21	8	43	10	39	12	31	14	23	16	31	18	44
23	8	50	10	45	12	38	14	31	16	40	18	53
25	8	58	10	53	12	45	14	39	16	49	19	2
27	9	6	11	1	12	52	14	47	16	58	19	11
29	9	13	11	8	13	0	14	55	17	6	19	19

To find the time of the Moons coming to the South more exactly then before.

WIth the true places of the Sun and Moon (which you may find every day at noon, in the former part of the Almanack) enter the first of these Tables, finding the Sign at the head, and the Degree in the first Column on the left hand, and in the Angle of meeting is the right Ascension in hours and minutes, which found, substract the right Ascension of the Sun, from the right Ascension of the Moon, and the residue is the time of the Moons coming to the South: but to make it exact, because the Sun and Moons places are taken at noon, you must observe, when she comes to the South in the morning, to substract 2 min. for every hour from noon; or if it be afternoon, to add so many minutes. by which means you shall obtain the time very near the truth.

Example.

THe 17 of *August.* this year 1675, the Sun is in 4 Degrees, 10 minutes of Virgo, and the Moon in 0 Degree, 51 min. of *Sagittarius*; therefore by the former Table I find the Suns right Ascension 10 hours 24 min. and the Moons 15 hours 54 min. from whence I take the Suns right Ascension 10 hours 24 min. and there remains 5 hours 30 min. then according to the former rule, because it is 5 hours and an half afternoon, I add 11 min. & the remainder 5 hours 41 min. is the time of the Moons coming to the South that afternoon: take notice that if the Moons right Ascension be less then the Suns, add 24 hours and then make substraction, the same rule observe for the Southing of the stars in the latter Table.

To find the hour of the night by the fixed Stars.

SUppose the 5 of *December* in the evening I should see the seven stars upon the south, and I desire to know the

the hour of the night, first I find the suns right Ascension 17 hours 33 minutes, and the seven stars right Ascension 3 hours 28 minutes, now because the seven stars right Ascension is less then the suns, I add to the seven stars 24 hours, and from the whole, I substract the suns right Ascension 17 hours 33 min. and the remainder 9 hours 55 min. shews that it is 55 min. past 9 a Clock at night.

To find the hour of the night by the fixed Stars rising and setting.

TO find the hour by their setting, add to their southing their Semidiurnal-arch, (or half their arch above our Horizon) and it shews the time of their setting, or substract the same from their southing, and you have the time of their rising.

Example.

SUppose the 6 of *December* in the morning I should see the seven stars setting in the west, and would from thence learn what hour it is, therefore to the time of their southing 9 hours 55 min. I add their Semidiurnal-arch 8 hour 16 min. and the whole is 18 hours 11 min. from whence casting away 12 for midnight, there remains 6 hours 11 min. for the hour required.

On the contrary, substract their Semidiurnal-arch 8 hours 16 min. from their southing, and there remains one hour 39 min. which shews that the 7 stars rise 39 min. past one in the afternoon the 6 of *December*.

So that by these Tables the Southing, rising, and setting of the Moon, and fixed stars may be found at all times, and the hour of the night at any time when the Moon or stars are seen.

FINIS.